The Low Range Pressure Switches are high quality switches designed for a wide range of pneumatic and hydraulic applications. They are easily field adjustable or can be pre-set. With ranges varying between 0.04 -10 bar.

FL - Flying Leads

HC -DIN Plug

SP - Spade Terminal

L1	0.04 - 0.24 bar
L2	0.1 - 1 bar
L3	0.2 - 0.5 bar
L4	0.2 - 1 bar
L5	0.35 - 2 bar
L6	1.0 - 4.4 bar
L7	1.0 - 10 bar
L8	1.75 - 10 bar
L9	3.5 - 10 bar

Electrical	5A (12/24 VDC) - (125/250 VAC) 0.5A available [EU]
Protection	DIN 43650A IP65 - HC, Spade Terminal IP00 - SP, Flying Leads IP65 - FL
Mechanical Life	1,000,000 at 4 bar
Diaphragm Material	Nitrile (standard), Viton and EPDM options.
Housing Material	Brass (standard), Steel, Stainless Steel and Plastic options.
Max. Overpressure	24 bar (some available in Steel 620 and 827 bar [HP])
Repeatability	+/- 2% full set point @20° C
Differential	10-15%
Weight	Up to 0.17kg

Notes:

- All switches are CE compliant
- Can be supplied with gold contacts for higher accuracy on lower voltage and low currents.
- Viton has a much reduced mechanical life but can withstand higher temperatures
- EPDM is recommended for acidic operations and is not to be used with fuels or oils
- See chemical compatibility chart at www.baccara.com.au for more information
- See reverse for instructions on how to adjust pressure switch settings

Diaphragm	Temperature Range
Nitrile	-23° C to 80° C
EPDM	-23° C to 121° C
Viton	-18° C to 121° C

Follow the ordering system to produce your required pressure switch code

PS	-	XX	-	XX	-	X	-	XX	-	X	-	X	-	X
	RANGES		**CONNECTION**		**SWITCH**		**EC CONNECTION**		**BODY**		**DIAPHRAGM**		**OTHER**	
	0.04 to 0.24	**L1**	G1/8" Male	**2G**	Normally Open	**A**	DIN Plug	**HC**	Steel	**1**	Viton	**1**	0.5 Amp	**EU**
	0.1 to 1	**L2**	1/8" NPT Male	**2M**	Normally Closed	**B**	Flying Leads	**FL**	Brass*	**2**	EPDM	**2**	Food	**F**
	0.2 to 0.5	**L3**	1/8" NPT Female	**2F**	Change Over	**C**	Spade Terminal	**SP**	St.St.	**3**	Nitrile *	**4**	Gold Contacts	**G**
	0.2 to 1	**L4**	G1/4"Male	**4G**					Alumin	**4**	Other	**9**	Oxy Clean	**OX**
	0.35 to 2	**L5**	G1/4" Female	**4B**					Plastic	**5**			Piston	**P**
	1.0 to 4.4	**L6**	1/4" NPT Male	**4M**					Other	**9**			Set 5 bar rise ~	**S5R**
	1.0 to 10	**L7**	1/4" NPT Female	**4F**									Right Angle	**RA**
	1.75 to 10	**L8**	Other	**X**									Adjustable Diaphragm	**ADJ**
	3.5 to 10	**L9**												

* Brass and Nitrile Standard ~ Choose Set Rate - R Rising and F Falling

Examples:

PS-L7-2M-A-SP-2-4 (previously PELA-3-2M-A-SP)

Pressure Switch - 1-10 bar - 1/8" NPT Male - Normally Open - Spade Terminal - Brass Body - Nitrile Diaphragm

PS-L8-4G-C-HC-3-2 (previously PDA-4-4G-C-HC-2-3)

Pressure Switch - 1.75 to 10 bar - 1/4" BSP Male - Change Over - DIN Plug - Stainless Steel Body - EPDM Diaphragm

Please specify maximum working pressure of system

How to Adjust Pressure Switch Setting

Step 1. Pressurise the switch to the desired setting

Step 2. Insert Allen key through the opening on the top centre of the switch

Step 3. Turn the Allen key clockwise until the contact changes state, ie. from normally closed or vice-versa.

Step 4. Operate the switch through normal cycle & make any necessary adjustment to the setting to compensate for differential. Turn the Allen key clock-wise to increase the setting & counter clock-wise to decrease setting

Standard Electrical Circuit		
Black	1	Common
Green	2	Normally Closed
Red	3	Normally Open